

CAP ASSEMBLY FOR SEALING SYSTEM AND
METHOD OF ASSEMBLING SAME

ABSTRACT

5 A cap assembly (10) is used during the assembly of a sensor (22) that
is to be mounted to a support (30). The support (30) will eventually be mounted to a
structure (16) that will hold a fluid therein. Epoxy (56) holds the sensor (22) to the
support (30). The cap assembly (46) includes a body (48) having a predetermined
length and a shape matching the shape of the support (30). This allows the body (48)
10 to be removably securable to the support (30). The cap assembly (46) also includes
an end plate (50) covering the body (48) to prevent epoxy (56) from flowing passed
the cap assembly (46). The cap assembly (46) also includes a handle (52) for
removing the cap assembly (46) from the support (30) when the epoxy (56) has cured.